

IN THE CLAIMS:

Listing of Claims:

- 1 1. (amended herein) An improved system for device communications, comprising:
 - 2 at least one computer;
 - 3 a device emulation in communication with said computer;
 - 4 a computer emulation in communication with said device emulation, wherein
 - 5 said computer emulation is presented to said device by a device-connected remoting
 - 6 system, said device-connected remoting system in communication with at least one
 - 7 computer-connected remoting system, said device emulation presented to said computer
 - 8 by said computer-connected remoting system; and
 - 9 a remote device in communication with said computer emulation;
 - 10 data reading means for reading data transmitted to a said remoting system by
 - 11 said remote device or said computer;
 - 12 data grouping means for grouping said read data into groups;
 - 13 data packaging means for packaging said groups;
 - 14 package transmitting means for transmitting said packaged data to another
 - 15 said remoting system; and
 - 16 package receiving means for receiving said packages transmitted by other
 - 17 said remoting systems.
- 1 2. (canceled herein) The system of Claim 1, wherein said computer emulation is
 - 2 presented to said device by a device connected remoting system, said device connected
 - 3 remoting system in communication with at least one computer connected remoting
 - 4 system; and

5 wherein said device emulation is presented to said computer by said
6 computer connected remoting system.

1 3. (canceled herein) The system of Claim 2, wherein said remoting systems further
2 comprise:

3 data reading means for reading data transmitted to said remoting system by
4 said remote device or said computer;

5 data grouping means for grouping said read data into groups;

6 data packaging means for packaging said groups;

7 package transmitting means for transmitting said packaged data to another
8 said remoting system; and

9 package receiving means for receiving said packages transmitted by other
10 said remoting systems.

1 4. (amended herein) The system of Claim 13, wherein said remoting systems further
2 comprise processing means for processing said packaged data.

1 5. (original) The system of Claim 4, wherein said remoting systems are in
2 communication with each other over a wide area network communication system.

1 6. (amended herein) An improved method for a computer communicating with a
2 remote device, comprising the steps of:

3 the computer communicating with a device emulation, said device emulation
4 presented by a computer-connected remoting system;

5 said device emulation communicating with a computer emulation; and

6 the remote device communicating with said computer emulation, said
7 computer emulation presented by a device-connected remoting system.

1 7. (canceled herein) The method of Claim 6, wherein said computer communicating
2 step comprises said computer communicating with a device emulation, said device
3 emulation presented by a computer connected remoting system.

1 8. (canceled herein) The method of Claim 7, wherein said remote device
2 communicating step comprises said remote device communicating with a computer
3 emulation, said computer emulation presented by a device connected remoting system.

1 9. (amended herein) The method of Claim 6, wherein said device emulation
2 communicating with said computer emulation step comprises:

3 said device-connected remoting system grouping, packaging and transmitting
4 data to said computer-connected remoting system; and

5 said computer-connected remoting system receiving said grouped, packaged
6 and transmitted data and responsively processing and transmitting said data to said device
7 emulation.

1 10. (original) The method of Claim 9, wherein said data packaging and transmitting
2 steps are responsive to the quality of said communications between said remoting
3 systems.

1 11. (amended herein) A device for improving remote interaction between at least one
2 computer and an electronic device, comprising:

3 means for communicating with said at least one computer;

4 means for communicating with said electronic device; and

5 computer emulation means for emulating a said computer's communications
6 with the electronic device, said computer emulation means in communication with said
7 electronic device;

8 device resident driver set means, defined by non-time-dependent responses,
9 time-dependent responses and time-dependent commands, said time-dependent
10 commands of the type conventionally residing in a computer-resident driver set means.

1 **12.** (canceled herein) The device of Claim 11, further comprising:

2 device resident driver set means, defined by non-time-dependent responses,
3 time-dependent responses and time-dependent commands, said time-dependent
4 commands of the type conventionally residing in a computer resident driver set means.

1 **13.** (amended herein) The device of Claim 112, further comprising:

2 data reading means for reading data transmitted to said device by said
3 electronic device;

4 data grouping means for grouping said read data into groups;

5 data packaging means for packaging said groups;

6 package transmitting means for transmitting said packaged data to another
7 said device; and

8 package receiving means for receiving said packages transmitted by other
9 said devices.

1 **14.** (original) The device of Claim 13, wherein:

2 said data packaging means comprises compressing said groups; and

3 said data packaging means comprises encrypting said groups.

1 **15.** (original) The device of Claim 14, further comprising:

2 transmission performance sensor means for detecting the quality of
3 transmissions between said devices; and

4 wherein said grouping means and said packaging means are responsive to
5 said transmission performance sensor means.

1 **16.** (new) The device of Claim 1, wherein:

2 said data grouping means groups said read data according to predetermined
3 time periods; and

4 said data packaging means packages said groups by compressing said groups.

1 17. (new) The device of Claim 16, wherein said data packaging means packages said
2 groups by encrypting said groups.

1 18. (new) The device of Claim 17, wherein said data packaging means packages said
2 groups by adding an authentication watermark to said group.